

What is claimed is:

1. An automatic tea maker with buoyancy structure comprising:

a teacup, which provides for containing ready steeped tea therein;

a percolator cup, which is fitted atop the teacup, and a receptacle is

5 defined within the percolator cup;

a cap, which covers atop the percolator cup, and an opening is defined in a pinnacle of the cap;

and characterized in that:

two tube members are configured within the receptacle so as to

10 vertically protrude therein, and lower portions of the two tube members are interconnected with a passage there between, wherein

a through hole is defined in a base of one of the tube members, and a

float is configured within the tube member; a limit flow rod is affixed to

a bottom portion of the float, whereby the limit flow rod provides for

15 penetrating a through hole, and a plug end is joined to an extremity of

a flow end; an adjustable press arm is configured within an upper

portion of one of the tube members, and a pull rod is disposed within

the other tube member, a plunger head is configured at a bottom end

of the pull rod, which maintains a tight seal with an inner wall of the

20 tube member; in addition, a filter seat is configured at a base of the

percolator cup, and a plurality of sieve pores are defined in the filter seat, a tea outlet is defined in a base of the filter seat, and which provides for the plug end of the limit flow rod to furnish sealing thereof.

2. The automatic tea maker with buoyancy structure according to claim 1, wherein external diameter of the limit flow rod is slightly smaller than internal diameter of the through hole.
3. The automatic tea maker with buoyancy structure according to claim 1, wherein interstices of different diameter are configured between the limit flow rod and the through hole.
- 10 4. The automatic tea maker with buoyancy structure according to claim 1, wherein an iron piece is configured atop the float, and an annular magnet is further configured directly above the float within the tube member, a perforation is defined in the magnet, which provides for the press arm to penetrate there through, and a compressible spring
15 is configured so as to sheave the press arm.
5. The automatic tea maker with buoyancy structure according to claim 1, wherein a wire member mutually connects the float and the limit flow rod.